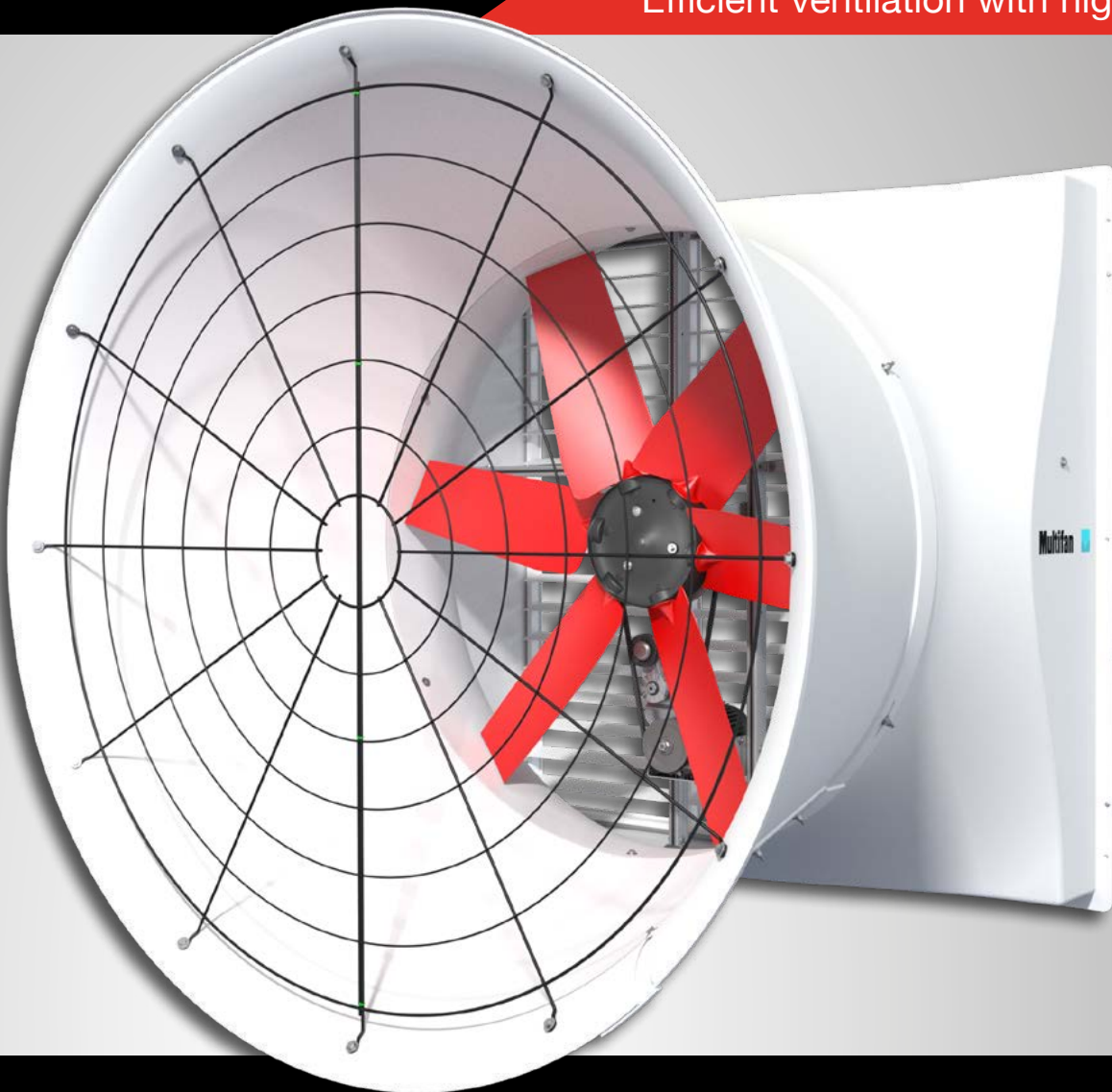


**Multifan**



# Fiberglass Cone Fans

Efficient ventilation with high air yields



**VOSTERMANS**  
VENTILATION

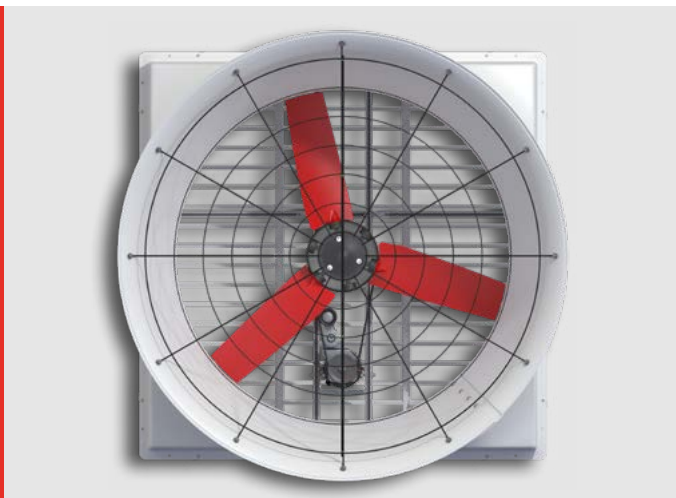
YOUR SPECIALIST IN AIR

# Multifan Fiberglass Cone Fans

## Efficient ventilation with high air yields

Thanks to their aerodynamic design, Multifan Fiberglass Cone Fans are among the most energy-efficient fans available worldwide. On top of that, they are resistant to some of the most aggressive climates, thanks to the use of high-tech engineering plastic parts.

This makes the Fiberglass Cone Fan the cream of the crop in many respects. This type of fan is often used in large buildings, such as pig, poultry and dairy barns, to efficiently refresh the air. These fans can also be used in combination with light traps or air filters. The 50" and 54" Fiberglass Cone Fans are optionally available with the Vplus technology for more energy savings.



## Why choose this fan

- Materials resistant to extreme environments
- Available in energy efficient IE2, IE3 and IE4 fan motors
- Extremely durable fan with a long lifetime
- Aerodynamic design for optimal performance
- 3-year warranty on the motor



## Features

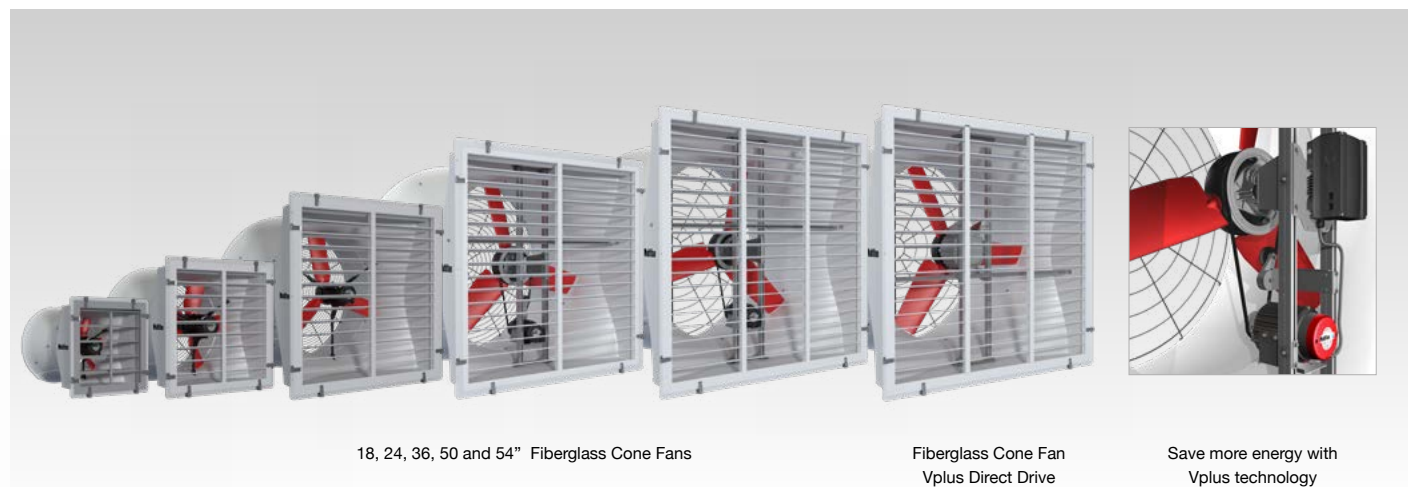
- Available range: 18, 24, 36, 50 and 54 inch
- High level of air movement: up to 39,700 cfm at 0 SP. (with an aluminum shutter)
- Pressure range up to 0.5 SP.
- IP55 motor (water and dust resistant)
- Belt drive for 50 and 54 inch fans
- Direct Drive for 18, 24, 36 and optional 54 inch fans
- Standard with a PVC shutter

## Applications

- Agricultural: Pigs, Poultry and Dairy
- Horticulture: Greenhouse

## Options available

- Vplus technology for more energy savings
- 54 inch Fiberglass Cone Fan Vplus available with Belt Drive or Direct Drive



18, 24, 36, 50 and 54" Fiberglass Cone Fans

Fiberglass Cone Fan  
Vplus Direct Drive

Save more energy with  
Vplus technology

## Technical data single-phase

# Multifan



Article **	ø (inch)	Power supply			(n) RPM	P <sub>in</sub> (W)	I <sub>nom</sub> (A)	Q <sub>v</sub> (cfm) ***						cfm/watt @0SP	Control options *
		~	V	Hz				0"H <sub>2</sub> O	0.05"H <sub>2</sub> O	0.1"H <sub>2</sub> O	0.15"H <sub>2</sub> O	0.2"H <sub>2</sub> O	0.3"H <sub>2</sub> O		
C4E45K1M10338	18	1	240	60	1695	290	1.4	4,200	4,050	3,850	3,700	3,550	-	14.3	E/T
C6E63K2M10338	24	1	230	60	1130	410	1.8	7,180	6,850	6,560	6,160	5,650	-	17.7	E/T
C8E92K0M10338	36	1	230	60	810	740	3.6	12,000	11,200	10,300	9,200	8,130	-	16.1	E/T
C8E92K7M10338	36	1	230	60	870	910	3.9	13,000	12,480	11,600	10,940	9,970	-	14.3	-
C4E13K0M10338	50	1	230	60	540	1,180	5.3	26,800	25,400	23,700	21,900	19,850	-	22.7	-
C4E13K1M10338	50	1	230	60	640	1,870	8.6	31,900	30,600	29,400	28,000	26,500	23,000	17.1	-
C4E14K2M10338	54	1	230	60	520	1,320	5.9	33,200	31,500	29,500	27,400	24,950	-	25.1	-
C4E14K3M10338	54	1	230	60	570	1,770	8	35,900	34,500	33,100	31,500	29,500	21,400	20.3	-

### Vplus technology

C4E14P6M10338	54	1	200 / 230	50 / 60	600	1,610	11.3	36,700	35,400	33,900	32,300	30,700	26,950	22.8	F
Performance at 80% RPM					480	900	6.8	29,400	27,300	25,400	23,000	19,500	-	32.5	
C4E14P8M10338	54	1	200 / 230	50 / 60	490	950	7.1	29,900	28,050	26,200	23,900	21,100	-	31.5	F
Performance at 80% RPM					390	600	4.6	22,100	19,700	16,500	10,900	-	-	36.9	

### Vplus technology Direct Drive

C10E14PAM70238	54	1	200 / 230	50 / 60	540	1,100	7.8	29,400	28,000	26,900	25,100	21,300	15,200	26.7	F
Performance at 80% RPM					430	620	4.7	23,300	21,600	18,000	14,500	8,300	-	37.7	

## Technical data three-phase

Article **	ø (inch)	Power supply			(n) RPM	P <sub>in</sub> (W)	I <sub>nom</sub> (A)		Q <sub>v</sub> (cfm) ***						cfm/watt @0SP	Control options *
		~	V (Δ / Y)	Hz			Δ	Y	0"H <sub>2</sub> O	0.05"H <sub>2</sub> O	0.1"H <sub>2</sub> O	0.15"H <sub>2</sub> O	0.2"H <sub>2</sub> O	0.3"H <sub>2</sub> O		
C4D45K0M10338	18	3	240/420	60	1720	340	1.6	0.9	4,350	4,150	3,900	3,700	3,400	-	12.7	T
C4D45K1M10338	28	3	230/400	60	1720	290	1.4	0.8	4,300	4,150	4,000	3,800	3,650	-	14.5	T
C6D63K1M10338	24	3	240/420	60	1080	680	2.5	1.4	7,300	7,000	6,700	6,450	6,100	-	10.7	T
C8D92K0M10338	36	3	230/400	60	810	740	3.6	2.1	12,100	11,300	10,400	9,400	8,200	-	16.4	T
C4D13K0M10338	50	3	230/400	60	560	1,215	4.1	2.3	28,300	26,600	25,300	23,500	21,250	-	23.3	-
C4D13K1M10338	50	3	230/400	60	640	1,710	5.2	3	31,700	30,700	29,400	28,000	26,500	23,100	18.5	-
C4D14K2M10338	54	3	230/400	60	520	1,160	4	2.3	30,100	28,800	27,500	25,700	23,300	-	25.8	-
C4D14K3M10338	54	3	230/400	60	560	1,550	4.8	2.8	34,800	33,200	31,500	29,800	27,900	-	22.4	-

### Vplus technology

C4D14P6M10338	54	3	480	50/60	600	1,560		2.2	36,600	35,300	33,800	32,050	30,700	26,900	23.4	F
Performance at 80% RPM					480	880		1.3	29,100	27,300	25,200	23,000	18,900	-	33.1	
C4D14P8M10338	54	3	480	50 / 60	490	950		1.4	30,200	28,350	26,600	24,400	21,950	-	31.7	F
Performance at 80% RPM					390	570		0.8	23,700	21,400	18,000	11,250	-	-	41.4	

### Vplus technology Direct Drive

C10D14PAM70238	54	3	480	50 / 60	540	1,110		1.6	29,500	28,100	26,800	25,300	21,600	15,300	26.5	F
Performance at 80% RPM					430	620		0.9	23,400	21,500	17,800	14,500	-	-	37.8	
C10D14PKM70238	54	3	480	50 / 60	600	2,040		2.8	37,600	36,400	35,000	33,700	29,400	25,300	18.4	F
Performance at 80% RPM					480	1,130		1.5	29,800	28,200	24,600	21,800	18,400	-	26.4	

\* Transformer Voltage Control (T), Frequency Control (F), Electronic / Triac / Solid State Voltage Control (E).

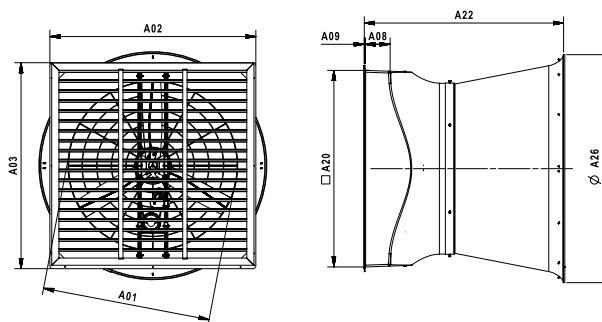
\*\* This is a small selection from our extensive range. For other product configurations, please contact our customer support team.

\*\*\* Accessories can influence the performances.

## Dimensions (inch)

ø (inch)	A01	A02	A03	A08	A09	A20	A22	A26*	Recommended wall opening
18	17 3/4	27 1/4	27 1/4	7 3/4	3/8	23 1/2	31	25 1/4	24 1/2 x 24 1/2
24	25 1/4	34 1/2	34 1/2	7 2/4	5/16	31	36 1/4	35 3/4	32 x 32
36	36	49	49	7 1/4	5/16	45 1/2	48 3/4	50 1/2	46 x 46
50	50 1/2	60 1/4	60 1/4	7	6/16	56 1/2	63	69 1/2	57 1/2 x 57 1/2
54	54	67 1/2	67 1/2	7	6/16	64	65	73 3/4	64 1/2 x 64 1/2

\* Minimum Fan center on center spacing

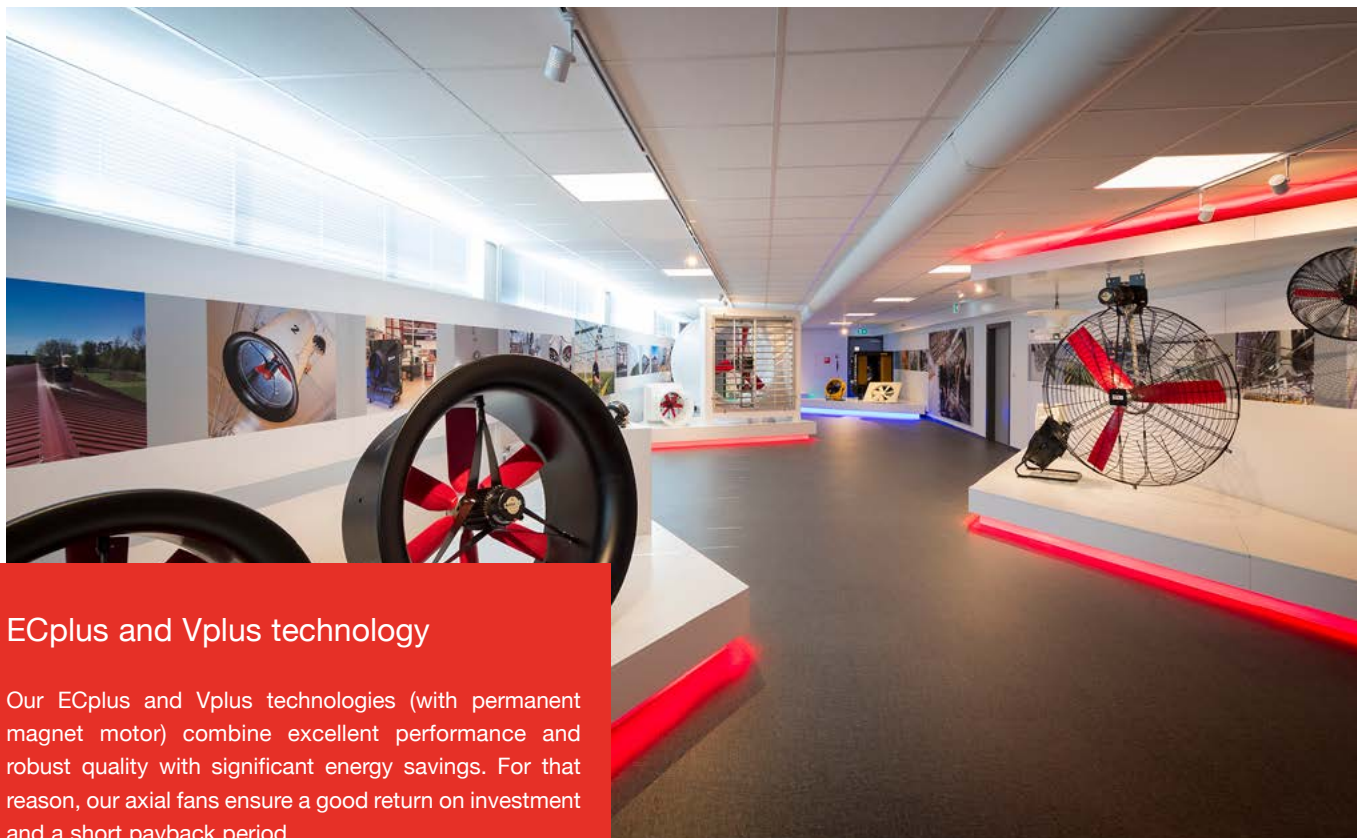




## Save more energy

Our standard fans are also available in extra an energy-efficient variant. With the help of the MFD frequency controller, it is possible to lower the speed of these fans on a continuous scale. For every 20% reduction in speed, the fan's energy consumption is halved. To provide optimum protection for the sensitive electronics

inside a controller, the fan is placed in a separate housing with at least IP65 protection class. This is essential to safeguard reliability in even the most extreme environments.



## ECplus and Vplus technology

Our ECplus and Vplus technologies (with permanent magnet motor) combine excellent performance and robust quality with significant energy savings. For that reason, our axial fans ensure a good return on investment and a short payback period.

### Why choose Vostermans Ventilation:

#### LOYAL TO YOU

We care for your specific needs based on our long expertise. In close cooperation with you we secure your business outcomes.

#### RELIABLE

Since our foundation in the Netherlands in 1952, we maintain our reputation as reliable partner. Our carefully selected global network of independent distributors strive to deliver you dedicated service and expertise.

#### FUTURE PROOF

Our future proof approach, which combines energy efficiency solutions with robust quality and rigorous testing, is based on a genuine commitment to serve as a trusted partner.

Vostermans Ventilation is a global developer and manufacturer of sustainable axial fans for the agricultural and industrial market. Sustainability is key for Vostermans. Their premium brandlines Multifan and EMI are showcasing the drive for advanced energy efficient fans. The company applies continuous innovation and research in their own motor production facility and in house state of the art R&D department. Vostermans Ventilation, part of Vostermans Companies founded in 1952, is based in Venlo, the Netherlands and operates in USA, China and Malaysia.



**VOSTERMANS**  
VENTILATION

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